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JC649 U.S. PTO
04/01/99

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Wen-Qiang Zhou and Sudhir Agrawal
Serial No.: To be assigned
Filing Date: HEREWITH
Title: MIXED-BACKBONE OLIGONUCLEOTIDES
CONTAINING POPS BLOCKS TO OBTAIN
REDUCED PHOSPHOROTHIOATE CONTENT
Docket Number: 475.08.423

JC530 U.S. PTO
09/28/91
04/01/99

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

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CERTIFICATION UNDER 37 CFR 1.10

I hear by certify that the attached papers are being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on April 1, 1999 and is addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231

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Angelo J. Migninelli
Angelo J. Migninelli

TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith for filing in the United States Patent and Trademark Office for the above-referenced application are the following documents:

1. New United States Patent Application filed under 37 C.F.R. §1.53(b) entitled:

MIXED-BACKBONE OLIGONUCLEOTIDES CONTAINING POPS BLOCKS TO
OBTAIN REDUCED PHOSPHOROTHIOATE CONTENT

and naming as inventors:

ZHOU, Wen-Qiang

AGRAWAL, Sudhir

the application comprising 22 pages comprising:

14 pages of the specification;

1 pages of the claims (3 claims which 1 is an independent claim); and

1 page of the abstract;

6 sheets of informal drawings comprising Figures 1A to 5.

2. Return postcard.

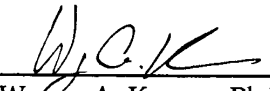
This application claims priority to United States Provisional Patent Application No. 60/080,321 which was filed on 1 April 1998.

This patent application is being submitted under 37 CFR §1.53(d) and 35 USC §111, without filing the filing fee. Please be advised that the United States Patent and Trademark Office is not authorized to charge the filing fee to our Deposit Account.

If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

HALE AND DORR LLP


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Date: April 1, 1999